

## ABSTRACT

A wireless piconet network device includes a GPS receiver to determine and provide earth coordinates to a gatekeeper of a wireless network so as to provide a level of security to wireless networks which requires accessing wireless devices to be within predefined boundary coordinates. The automatic restriction of access to a wireless network (e.g., a wireless local area network (LAN) such as a piconet network) by requiring a wireless network device to provide earth coordinates (e.g., GPS location information) as part of an establishment or maintenance of a connection to a wireless network, independent of a range of communication of any device in the wireless network. A wireless piconet network device outside of predetermined earth coordinates of a secured area (e.g., a building, a room in a building, a desk in a room in a building, etc.) may be denied access to resources on the wireless network, and/or required to provide additional authorization information so as to confirm authorized secured status of the entering wireless device.